



DIAMOND MULTIMEDIA - SETUP SHEET

SKU : HP500AV

BRAND : GearByDiamond

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ENG APVD - L 2012-11-08
MRKTG APVD - L 2012-11-22

SKU	HP500AV
PRODUCT	DIAMOND HP500AV 500Mbps AV Powerline Ethernet Adapter Kit
PRODUCT CATEGORY	Networking
PRODUCT USAGE	<p>Now you can easily connect your internet ready devices to an Ethernet connection without the hassle of wiring. The Diamond HP500AV connects PCs, modems, routers, game consoles and IP set-top boxes via power lines in your home. Simply plug one adapter into your AC wall outlet and connect it to your router. Now you are free to plug the other adapter in any other AC wall outlet in your home providing internet access to your desired internet ready hardware.</p> <p>With speed up to 500Mbps, it supports Internet Television (IP-TV in HD quality), video-on-demand, VoIP Telephony and fast Internet access. It achieves a range of up to 300 meters within a single power line grid, enabling the greatest reliability and flexibility to connect your network-enabled devices throughout your home.</p> <p>Add Ethernet support to any room without the need for costly Ethernet wiring throughout the home</p> <p>Use to connect your Netflix and other internet-ready devices such as:</p> <ul style="list-style-type: none">● HDTVs● Media Players● Blu-ray Players● Gaming consoles

PRODUCT DETAILED DESCRIPTION

- Ethernet: IEEE 802.3 10/100 Auto MDI/MDIX
- Modulation support OFDM 1024/256/64/16/8 QAM, QPSK,BPSK,ROBO
- Data transfer rate Up to 500Mbps over powerline in your home
- Range Up to 300m over powerline in your home
- Security 128-bit AES encryption (enabled with Simple Connect button)
- LED indicators 1 x Power
- 1 x Powerline Link_Act
- 1 x Eth Link/Act
- External Interfaces 1 x Ethernet LAN Port
- 1 x Reset Button
- 1 x Push Button for Simple Connect
- Power Consumption 2.4W, 0.5W in standby5
- Power Supply AC 100~240V, 50~60Hz
- Operating Temperature : 0C to 40C
- Humidity Operating : 10% to 85% Humidity (Non-Condensing)
- System Requirements Ethernet port

PRODUCT FEATURES

- NO New Wiring Needed
- Push-Button Security
- Super-Speed 500 Mbps Connection Rate
- Add Ethernet support to any room without the need for costly Ethernet wiring throughout the home
- Use to connect your Netflix and other internet-ready devices such as:
 - Media Players
 - Blu-ray Players
 - Gaming consoles
- Eco-friendly - Saves power consumption by up to 60% in standby mode
- Transforms internet from normal home power socket for multiple computers without messy cabling
- Reliable alternative to WiFi, eliminates problems created by thick walls & blind spots
- High-speed 500Mbps content on HD IPTV, IP Camera, Blu and game consoles
- "Simple Connect" feature to pair multiple Home Plugs at the touch of one button

PRODUCT SPECIFICATIONS

- Data transfer rate up to 500Mbps over powerline in your home
- Range Up to 300m over powerline in your home
- Security 128-bit AES encryption (enabled with Simple Connect button)
- LED indicators 1 x Power, 1 x Powerline Link_Act, 1 x Ethernet Link/Act
- External Interfaces 1 x Ethernet LAN Port
- 1 x Reset Button
- 1 x Push Button for Simple Connect
- Data PHY rate up to 500Mbps

SYSTEM REQUIREMENT

EXTERNAL POWER REQUIREMENT	
CPU	None
CPU SPEED	None
MEMORY	
HARD DISK	None
SYSTEM BUS	
SLOT	N/A
CHASSIS	
MONITOR	
INTERNET ACCESS	
USB	
CD DVD	NO
POWER SUPPLY	None

OPERATING SYSTEM

FORM FACTOR

DIMENSIONS	[PRODUCT] : 2.6 x 2.2 x 1.2 [RETAIL BOX] : 6.2 x 4.8 x 3.5 [S BUILDER] : TBA
WEIGHT	[PRODUCT WEIGHT] : .15 lbs x 2 [PRODUCT WITH CONTENT WEIGHT] : 1.0 lbs
UPC	RETAIL PACKAGE UPC : 757448022605

PACKAGE CONTENT

- HP500AV X 2
- LAN CABLE
- LAN CABLE

- QUICK START GUIDE

WARRANTY

One Year Limited Warranty

PRODUCT WEBPAGE

<http://www.diamondmm.com/HP500AV.php>

PRODUCT NOTES

California Health & Safety Notice : The solder used in this product contains lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Please wash hands after handling internal components and circuit boards and avoid inhalation of fumes if heating the solder.

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